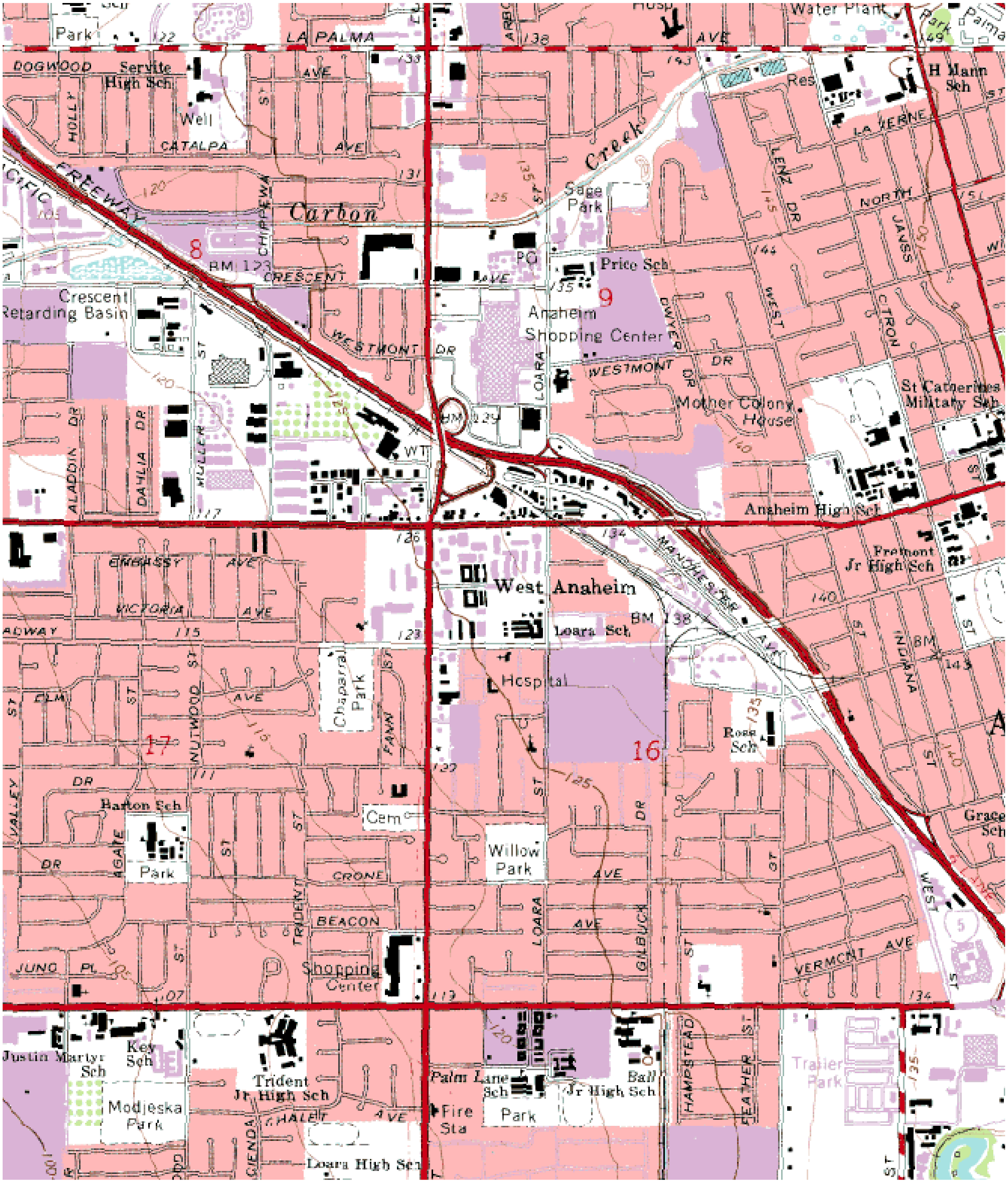
South Coast AQMD
Site Survey Report for Anaheim-Loara School

Last updated: May, 2015

AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
06059007	30178	08/2001	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
1630 Pampas Ln Anaheim, CA 92802	Orange	South Coast	33° 49' 50"N	117° 56' 18"W	39


LA PALMA AVE
DOGWOOD
Servite High Sch
Well
CATALPA AVE
HOLLY
CHIPPEWA ST
FREEWAY
Carbon Creek
Sage Park
8
BM 123
CRESCENT AVE
Crescent Retarding Basin
PO
Price Sch
9
Anaheim Shopping Center
WESTMONT DR
LOARA
DWYER DR
Mother Colony House
WEST ST
LENZ DR
NORTH
JANSS
CITRON
LA VERNE
Res
Water Plant
H Mann Sch
St Catherines Military Sch
Anaheim High Sch
Fremont Jr High Sch
WT
BM 129
ALADDIN DR
DAHLIA DR
MULLER ST
EMBASSY AVE
VICTORIA AVE
West Anaheim
Loara Sch
BM 138
MANCHESTER AVE
INDIANA
BM 143
Hospital
Chaparral Park
ELM AVE
NUTWOOD ST
17
16
FANN
Ross Sch
VALLEY DR
Barton Sch
AGATE
Park
Cem
Willow Park
CRONE
BEACON
TRIDENT
LOARA AVE
GILBUCK DR
Grace Sch
JUNO PL
Shopping Center
VERMONT AVE
Justin Martyr Sch
Key Sch
Modjeska Park
Trident Jr High Sch
CHALET AVE
Fire Sta
Palm Lane Sch
Ball Jr High Sch
Park
HAMPSTEAD
HEATHER ST
Trailer Park
Loara High Sch

Detailed Site Information

Local site name	Anaheim-Loara School
AQS ID	060590007
GPS coordinates (decimal degrees)	Latitude: 33° 49’ 50” Longitude: 117° 56’ 18”
Street Address	1630 Pampas Ln, Anaheim, CA 92802
County	Orange
Distance to roadways (meters)	7.5 – 10.5; 420 meters
Traffic count (AADT, year)	< 500 / 2012; I-5/Euclid, 256,000, I-5, 2011
Groundcover (e.g. asphalt, dirt, sand)	Grass
Representative statistical area name (i.e. MSA, CBSA, other)	31080-Los Angeles-Long Beach-Anaheim, MSA

Pollutant, POC	Carbon Monoxide, 1	Nitrogen Dioxide, 5	Ozone, 1	PM10, 1
Parameter code	42101	42602	44201	See Table 26
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Population Exposure	Population Exposure	Population Exposure
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Instrument manufacturer and model	Horiba APMA 370	Thermo 42i	Thermo 49i	GMW 1200 SSI
Method code	158	074	047	063, 102
FRM/FEM/ARM/ other	FRM	FRM	FEM	FRM
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A	N/A	SCAQMD
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Urban	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	08/2001	08/2001	08/2001	08/2001
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	1:6
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4.5	4.5	4.5	2.5
Distance from supporting structure (meters)	1.9	1.9	1.9	1
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A

Distance from trees (meters)	6 (palm tree)	6 (palm tree)	6 (palm tree)	6 (palm tree)
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	2.8
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	Teflon	N/A
Residence time for reactive gases (seconds)	5.6	6.8	6.7	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly	Nightly	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	05/9/2014	05/9/2014	05/9/2014	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	5/27/14, 11/18/2014

Pollutant, POC	Continuous PM10, 3	Continuous PM2.5, 3	Speciated PM2.5, 11	24 Hour PM2.5, 1
Parameter code	81102	88101	See Table 26	See Table 26
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Population Exposure	Population Exposure	Population Exposure
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS

Instrument manufacturer and model	Met One BAM 1020	Met One BAM 1020	Met One SASS	Andersen RAAS PM2.5
Method code	122	170	See Table 26	780, 120
FRM/FEM/ARM/ other	FEM	FEM	Other	FRM
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A	SCAQMD	SCAQMD
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	03/04/2010	08/2001	08/2001	08/2001
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:6	1:1
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	No CFR mandated sampling schedule.	1:3
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4.8	4.8	2.9	2.9
Distance from supporting structure (meters)	2.2	2.2	2.2	1
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	6 (palm tree)	6 (palm tree)	6 (palm tree)	6 (palm tree)
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	2.8	3.9	N/A	3.9
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No

Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	No, unless manual sampler has missing data.	N/A	Yes
Frequency of flow rate verification for manual PM samplers	N/A	N/A	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers	Monthly	Monthly	N/A	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	06/20/2014, 12/07/2014	06/20/2014, 12/07/2014	11/22/2013, 06/28/2013	11/18/2014, 05/27/2014

Anaheim-Loara School
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Anaheim-Loara School
Site Photos (Cont.)

Looking at the probe from the North.

Looking at the probe from the East.

Looking at the probe from the South.

Looking at the probe from the West.